

The method by which the controller accomplishes its objective is disclosed in detail herein. In brief, the position sensor contributes to the production of a conditioned object position signal to a controller summer. The controller also comprises a heading conditioning module which contributes to the production of a conditioned heading signal to the controller summer and a control apparatus sensor which contributes to the production of a conditioned control apparatus signal to the controller summer. Finally, the controller may optionally comprise a control apparatus null position conditioning module which contributes to the production of a conditioned null position signal to the controller summer.

The controller summer sums the signals to produce a controller summer signal to a controller summer conditioning module so as to produce a control apparatus control signal to a control apparatus controller. The control apparatus controller directs the control apparatus and thereby directs the object by feedback control along the desired path.--

Application No. 10/697,671
Amendment dated November 12, 2004
Prepared in reply to Office Action of June 11, 1004

Amendments to the Claims:

Please cancel claim 7.

Application No. 10/697,671
Amendment dated November 12, 2004
Prepared in reply to Office Action of June 11, 1004

Remarks / Arguments: